

Figure 1

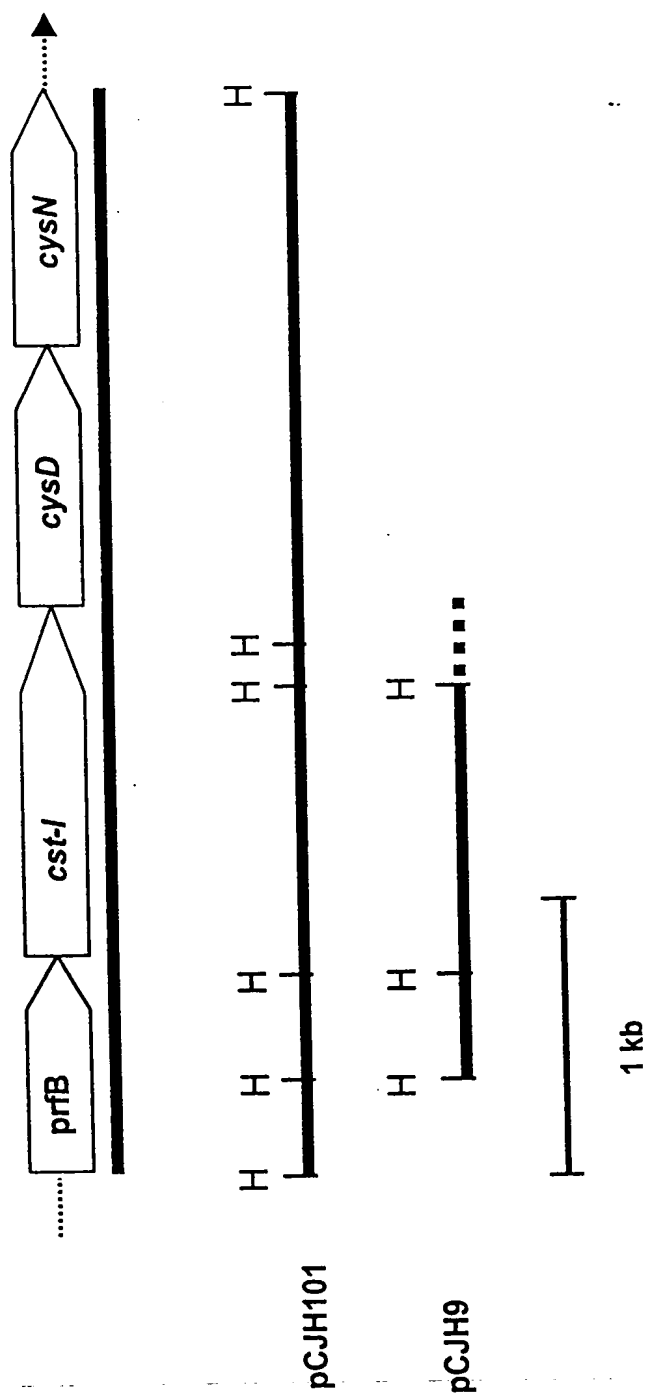


Figure 2

nt#	aa#
1	ATGACAAGGACTAGAAATGGAAATGAACTCATTTGTAGTAAAAATATGCAAAATATAATCATAGCAGGAAATGGACCTAGCCTAAAAAAT M T R T R M E N E L I V S K N M Q N I I I A G N G P S L K N 30
91	ATTAATTATAAAGACTGCCCTAGAGAAATATGATGTTTTTAGGTGTAAACCAGTTTTTATTTTGAAGATAAGTATTATTAGGAAAAAAGATT I N Y K R L P R E Y D V F R C N Q F Y F E D K Y Y L G K K I 60
181	AAAGCAGTATTTTTTAATCCTGGTGTCTTTTTTACAACAGTATCACACTGCAAAACAACTTTATACTAAAAAATGAGTATGAAATAAAAAAT K A V F F N P G V F L Q Q Y H T A K Q L I L K N E Y E I K N 90
271	ATTTTTTGCTCTACATTTAATTACCTTTTATTTGAAGCAATGATTTTTTACATCAATTTTATATAATTTTCCCGCATGCAAAACTTTGGC I F C S T F N L P F I E S N D F L H Q F Y N F F P D A K L G 120
361	TATGAAGTTATTGAAAAACCTTAAAGAAATTTTATGCTTATATAAAATACAATGAAATTTATTTCAATAAAGAATTTACTTCGGCGCTCTAT Y E V I E N L K E F Y A Y I K Y N E I Y F N K R I T S G V Y 150
451	ATGTGTGCAATTGCTATTGCATTAGGATATAAAACCATCTATTATGTGGCATTGATTTTATGAAGGAGATGTTATTATCCTTTTGAA M C A I A I A L G Y K T I Y L C G I D F Y E G D V I Y P F E 180
541	GCTATGAGTACAAAATATAAAACAATCTTTCCCTGGAATAAAAGATTTCAAAACCTTCAAATGTCTATTCTAAGGAATACGATATAGAAGCA A M S T N I K T I F P G I K D F K P S N C H S K E Y D I E A 210
631	TTAAAATTGTTAAAATCAATATACAAAGTTAATATCTACGCATTGTGTGATGATTCCTATTTTGGCAAAATCATTTTCCCTTTATCAATTAAT L K L L K S I Y K V N I Y A L C D D S I L A N H F P L S I N 240
721	ATTAATAACAATTTACCTTTAGAAAAATAAGCATAATAATCTATAAAATGATATTTTATTGACTGATAATACTCCTGGCGTAAGTTTTTAT I N N N F T L E N K H N N S I N D I L L T D N T P G V S F Y 270
811	AAAAATCAACTTAAAGCTGATAATAAAATTTATGCTTAATTTTATAAATTTCTTCATTCTTAAAGATAATTTAATTTTAAACAAA K N Q L K A D N K I M L N F Y N I L H S K D N L I K F L N K 300

Figure 2 (continued)

901 GAAATTGCGGTATTAAAAAACAACCACTCAACGAGCTAAAGCAAGAAATCCAAAACCATCTATCCTATAAACTAGGACAAGCTTTGATT
E I A V L K K Q T T Q R A K A R I Q N H L S Y K L G Q A L I 330

991 ATAAATTCTAAAAGTGATTAGGTTTTTTATCTTTACCTTTTATAATAATTAAGTATCGTTATTTCACATAAACAAGAAACAAAAGGCTTAT
I N S K S V L G F L S L P F I I L S I V I S H K Q E Q K A Y 360

1081 AAATTTAAAGTAAAGAAAAATCCAAATTTAGCTTTACCTCCCTTTAGAAACTTATCCTGATTATATAATGAAGCTTTAAAGAAAAAAGAAATGT
K F K V K K N P N L A L P P L E T Y P D Y N E A L K E K E C 390

1171 TTTACTTATAAATTAGGAGAAGAAATTTATAAAAGCTGGTAAGAATTGGTATGGGGAGGGGTATATCAAATTTATATTCAAAGATGTTTCCT
F T Y K L G E E F I K A G K N W Y G E G Y I K F I F K D V P 420

1261 AGGTTGAAGAGAGAGTTTGAGAAAAGGGGAATAA 1293
R L K R E F E K G E - 430

Figure 3

CST-I	MTRTRMENELIVSKMQNIIAGNGPSLKNINYKRLPREYDVFRCNQFYFEDKYYLGGKKI	60
CST-I	KAVFFNPGVFLQQYHTAKQLILKNEYEIKNIFCSTF-NLPFIESNDFLHQFYNFFPDAKL 	119
HIN	MQLIKNEYEYADIILSSFVNLGDSELKK-IKNVQKLLTQVDI	42
CST-I	GVEVIENLKEFYAYIKYNEIYFNKRITSGVYMCAlAIALGYKTIYLCGIDFY-EGDVIYP 	178
HIN	GHYLNLKLPADFAYLQYNELYENKRITSGVYMCATVMGYKDLYLGTGIDFYQEKGNPYA	102
CST-I	FEAMSTNIKTIFPGIKDFKP-SNCHSKEYDIEALKLLKSIYKVNIYALCDDSI LANHFPL 	237
HIN	FHHQKENI IKLLPSFSQNSQSDIHSMEYDLNALYFLQKHGYVNIYCISPESPLCNYFPL	162
CST-I	S-ININNNFTLENKHNNNSINDILLTDNTPGVSFYKNQLKADNKIMLNFYNI LHSKDNLIK 	296
HIN	SPLNNPITFILEEKNYT-QDILI----PPKFVYK-----KIGI--YSKPRIYQNLIF	208
CST-I	FLNKEIAVLKKQTTQRAKARIQNHLSYKLGQALINSKSVLGLSLPFIILSIVISHKQE 	356
HIN	RLIWDILRLPNDIKHALKSRKWD	231
CST-I	QKAYKFVKKNPNLALPPLETYPDYNEALKEKECTYKLGEEFIKAGKNWYGEYIKFIF	416
CST-I	KDVPRLKREFEKG	430